

Author Index

- ABE, K. *see* SOMA, J.
ABE, M. *see* LIU, H.
ABE, M. *see* YOKOYAMA, A.
ABRAMSKY, O. *see* KARUSSIS, D.M.
AGOSTINI, E. *see* GIOVANNETTI, A.
ÁGUAS, A.P. *see* BRÁS, A.
AIUTI, A. *see* GIOVANNETTI, A.
AIUTI, F. *see* GIOVANNETTI, A.
AIUTI, F. *see* PONTESILLI, O.
AKAGI, N. *see* YAMAMOTO, T.
AKAGI, S. *see* FUKUDA, R.
ALEXANDER, G.J.M. *see* MICHALAK, T.I.
ALLEN, A.C., HARPER, S.J. & FEEHALLY, J. Galactosylation of N- and O-linked carbohydrate moieties of IgA1 and IgG in IgA nephropathy, 470
ALONSO, C. *see* SOTO, M.
ANDERSEN, P.L. *see* NIELSEN, S.L.
ANGEL, S.O. *see* SOTO, M.
APPELBOOM, T., KAHN, M.F. & MAIRESE, N. Antibodies to small ribonucleoprotein and to 73-kD heat shock protein: two distinct markers of mixed connective tissue disease, 486
ARISAWA, T. *see* OHMIYA, N.
ASAI, J. *see* OHMIYA, N.

BAKER, S.R. *see* SOO, K.S.
BALAFAS, A. *see* MAPPOURAS, D.G.
BALLIEUX, B.E.P.B., VAN DER BURG, S.H., HAGEN, E.C., VAN DER WOUDE, F.J., MELIEF, C.J.M. & DAHA, M.R. Cell-mediated autoimmunity in patients with Wegener's granulomatosis (WG), 186
BARRATT, T.M. *see* NEUHAUS, T.J.
BASE, W. *see* WAGNER, L.
BASTIN, B. *see* BOIRE, G.
BATEMAN-FITE, R. *see* SEKUT, L.
BEDIN, C., ROPARS, A., MIGNON-GODEFROY, K. & CHARREIRE, J. Molecular heterogeneity of antigen- or idiotype-induced anti-thyroglobulin monoclonal autoantibodies, 463
BELOBORODOV, V.B. *see* PLATONOV, A.E.
BELOSEVIC, M. *see* GUY, R.A.
BEN-NUN, A. *see* KARUSSIS, D.M.
BERNARDI, M.L. *see* PONTESILLI, O.
BERRENS, L. *see* BOLUDA, L.
BEVERLEY, P.C.L. *see* SOO, K.S.
BIEMOND, B.J. *see* VAN DER POLL, T.
BINI, P. *see* SILVERMAN, E.D.
BOIRE, G., GENDRON, M., MONAST, N., BASTIN, B. & MÉNARD, H.A. Purification of antigenically intact Ro ribonucleoproteins; biochemical and immunological evidence that the 52-kD protein is not a Ro protein, 489
BOLUDA, L. & BERRENS, L. Do IgE-IgG complexes occur in the circulation?, 145
BORDMANN, G. *see* HURT, N.
BOROCHOVITZ, D. *see* WOO, J.
BOULET, L.-P. *see* CHU, H.W.
BOUSQUET, J. *see* RIVIER, A.
BOUTET, M. *see* CHU, H.W.
BOWLES, M.J. *see* WEBSTER, G.A.
BRACKEN, M.F. *see* SEKUT, L.
BRANCH, D.R. *see* PHIPPS, D.J.
BRÁS, A. & ÁGUAS, A.P. Mycobacteria-induced autoantibody production is associated with susceptibility to infection but not with host propensity to develop autoimmune disease, 75
BRENNAN, F.R., NEGROIU, G., BUZÁS, E.I., FÜLÖP, C., HOLLÓ, K., MIKECZ, K. & GLANT, T.T. Presentation of cartilage proteoglycan to a T cell hybridoma derived from a mouse with proteoglycan-induced arthritis, 104

BROUWER, E. *see* KALLENBERG, C.G.M.
BURDON, J. *see* SAVIGE, J.A.
BUYON, J. *see* SILVERMAN, E.D.
BUZÁS, E.I. *see* BRENNAN, F.R.

CALLARD, R. *see* NEUHAUS, T.J.
CAMPBELL, A.M. *see* RIVIER, A.
CANDAL-COUTO, J.J. *see* D'ARRIGO, C.
CARLESIMO, M. *see* PONTESILLI, O.
CARLO, D.J. *see* TRAUGER, R.J.
CENTENO, M. *see* ULRICH, M.
CEUPPENS, J.L. *see* VINGERHOETS, J.H.
CHADWELL, M.K. *see* JARVIS, J.N.
CHALLACOMBE, S.J. Assessing mucosal humoral immunity, 181
CHAMPOUX, J.J. *see* WHYTE, J.
CHAN, E.K.L. *see* VON MÜHLEN, C.A.
CHAN, T.M., YU, P.M., TSANG, K.L.C. & CHENG, I.K.P. Endothelial cell binding by human polyclonal anti-DNA antibodies: relationship to disease activity and endothelial functional alterations, 506
CHANEZ, P. *see* RIVIER, A.
CHANG, L. *see* SAVIGE, J.A.
CHARLESWORTH, J.A. *see* GREENSTEIN, J.D.
CHARREIRE, J. *see* BEDIN, C.
CHENG, I.K.P. *see* CHAN, T.M.
CHOI, I.H., HA, T.Y., LEE, D.G., PARK, J.S., LEE, J.H., PARK, Y.M. & LEE, H.K. Occurrence of disseminated intravascular coagulation (DIC) in active systemic anaphylaxis: role of platelet-activating factor, 390
CHOI, I. *see* LEE, H.G.
CHOWDHURY, A. *see* FUKUDA, R.
CHRISTENSEN, C.B.V. *see* GAAFAR, A.
CHU, H.W., WANG, J.M., BOUTET, M., BOULET, L.-P. & LAVIOLETTE, M. Increased expression of intercellular adhesion molecule-1 (ICAM-1) in a murine model of pulmonary eosinophilia and high IgE level, 319
CHU, J.-L. *see* SILVERMAN, E.D.
CLARK, R.L. *see* SEKUT, L.
COHEN TERVAERT, J.W. *see* KALLENBERG, C.G.M.
COLEBUNDERS, R.L. *see* VINGERHOETS, J.H.
CONNOLLY, K.M. *see* SEKUT, L.
CONVIT, J. *see* ULRICH, M.
COOK, L. *see* SAVIGE, J.A.
COSSENS, I.A. *see* WOOD, P.J.
CROWE, S.M. *see* STENT, G.

DAFALLA, M. *see* GAAFAR, A.
DAHA, M.R. *see* BALLIEUX, B.E.P.B.
DALAKAS, W.A. *see* O'HANLON, T.P.
DANIEL, P.B. *see* SUMMERS, K.L.
D'ARRIGO, C., CANDAL-COUTO, J.J., GREER, M., VEALE, D.J. & WOOF, J.M. Human neutrophil Fc receptor-mediated adhesion under flow: a hollow fibre model of intravascular arrest, 173
DAS, K.M. *see* HASSAN, T.
DASGUPTA, A. *see* HASSAN, T.
DASKALAKIS, M. *see* SAVIGE, J.A.
DAWKINS, R. *see* FRENCH, M.A.H.
DE BOER, M. *see* VINGERHOETS, J.H.
DEICHER, H. *see* NEU, E.
DENIS, K.A. *see* FRENCH, M.A.H.
DERRY, C.J., ROSS, C.N., LOMBARDI, G., MASON, P.D., REES, A.J., LECHLER, R.I. & PUSEY, C.D. Analysis of T cell responses to the autoantigen in Goodpasture's disease, 262
DIANZANI, F. *see* GIOVANNETTI, A.
DIEBOLD, M.M. *see* JARVIS, J.N.
DUIKSTRA, C.D. *see* HUITINGA, I.
DOE, W.F. *see* GRIMM, M.C.
DOERY, J. *see* SAVIGE, J.A.

Author Index

- ABE, K. *see* SOMA, J.
ABE, M. *see* LIU, H.
ABE, M. *see* YOKOYAMA, A.
ABRAMSKY, O. *see* KARUSSIS, D.M.
AGOSTINI, E. *see* GIOVANNETTI, A.
ÁGUAS, A.P. *see* BRÁS, A.
AIUTI, A. *see* GIOVANNETTI, A.
AIUTI, F. *see* GIOVANNETTI, A.
AIUTI, F. *see* PONTESILLI, O.
AKAGI, N. *see* YAMAMOTO, T.
AKAGI, S. *see* FUKUDA, R.
ALEXANDER, G.J.M. *see* MICHALAK, T.I.
ALLEN, A.C., HARPER, S.J. & FEEHALLY, J. Galactosylation of N- and O-linked carbohydrate moieties of IgA1 and IgG in IgA nephropathy, 470
ALONSO, C. *see* SOTO, M.
ANDERSEN, P.L. *see* NIELSEN, S.L.
ANGEL, S.O. *see* SOTO, M.
APPELBOOM, T., KAHN, M.F. & MAIRESE, N. Antibodies to small ribonucleoprotein and to 73-kD heat shock protein: two distinct markers of mixed connective tissue disease, 486
ARISAWA, T. *see* OHMIYA, N.
ASAI, J. *see* OHMIYA, N.

BAKER, S.R. *see* SOO, K.S.
BALAFAS, A. *see* MAPPOURAS, D.G.
BALLIEUX, B.E.P.B., VAN DER BURG, S.H., HAGEN, E.C., VAN DER WOUDE, F.J., MELIEF, C.J.M. & DAHA, M.R. Cell-mediated autoimmunity in patients with Wegener's granulomatosis (WG), 186
BARRATT, T.M. *see* NEUHAUS, T.J.
BASE, W. *see* WAGNER, L.
BASTIN, B. *see* BOIRE, G.
BATEMAN-FITE, R. *see* SEKUT, L.
BEDIN, C., ROPARS, A., MIGNON-GODEFROY, K. & CHARREIRE, J. Molecular heterogeneity of antigen- or idiotype-induced anti-thyroglobulin monoclonal autoantibodies, 463
BELOBORODOV, V.B. *see* PLATONOV, A.E.
BELOSEVIC, M. *see* GUY, R.A.
BEN-NUN, A. *see* KARUSSIS, D.M.
BERNARDI, M.L. *see* PONTESILLI, O.
BERRENS, L. *see* BOLUDA, L.
BEVERLEY, P.C.L. *see* SOO, K.S.
BIEMOND, B.J. *see* VAN DER POLL, T.
BINI, P. *see* SILVERMAN, E.D.
BOIRE, G., GENDRON, M., MONAST, N., BASTIN, B. & MÉNARD, H.A. Purification of antigenically intact Ro ribonucleoproteins; biochemical and immunological evidence that the 52-kD protein is not a Ro protein, 489
BOLUDA, L. & BERRENS, L. Do IgE-IgG complexes occur in the circulation?, 145
BORDMANN, G. *see* HURT, N.
BOROCHOVITZ, D. *see* WOO, J.
BOULET, L.-P. *see* CHU, H.W.
BOUSQUET, J. *see* RIVIER, A.
BOUTET, M. *see* CHU, H.W.
BOWLES, M.J. *see* WEBSTER, G.A.
BRACKEN, M.F. *see* SEKUT, L.
BRANCH, D.R. *see* PHIPPS, D.J.
BRÁS, A. & ÁGUAS, A.P. Mycobacteria-induced autoantibody production is associated with susceptibility to infection but not with host propensity to develop autoimmune disease, 75
BRENNAN, F.R., NEGROIU, G., BUZÁS, E.I., FÜLÖP, C., HOLLÓ, K., MIKECZ, K. & GLANT, T.T. Presentation of cartilage proteoglycan to a T cell hybridoma derived from a mouse with proteoglycan-induced arthritis, 104

BROUWER, E. *see* KALLENBERG, C.G.M.
BURDON, J. *see* SAVIGE, J.A.
BUYON, J. *see* SILVERMAN, E.D.
BUZÁS, E.I. *see* BRENNAN, F.R.

CALLARD, R. *see* NEUHAUS, T.J.
CAMPBELL, A.M. *see* RIVIER, A.
CANDAL-COUTO, J.J. *see* D'ARRIGO, C.
CARLESIMO, M. *see* PONTESILLI, O.
CARLO, D.J. *see* TRAUGER, R.J.
CENTENO, M. *see* ULRICH, M.
CEUPPENS, J.L. *see* VINGERHOETS, J.H.
CHADWELL, M.K. *see* JARVIS, J.N.
CHALLACOMBE, S.J. Assessing mucosal humoral immunity, 181
CHAMPOUX, J.J. *see* WHYTE, J.
CHAN, E.K.L. *see* VON MÜHLEN, C.A.
CHAN, T.M., YU, P.M., TSANG, K.L.C. & CHENG, I.K.P. Endothelial cell binding by human polyclonal anti-DNA antibodies: relationship to disease activity and endothelial functional alterations, 506
CHANEZ, P. *see* RIVIER, A.
CHANG, L. *see* SAVIGE, J.A.
CHARLESWORTH, J.A. *see* GREENSTEIN, J.D.
CHARREIRE, J. *see* BEDIN, C.
CHENG, I.K.P. *see* CHAN, T.M.
CHOI, I.H., HA, T.Y., LEE, D.G., PARK, J.S., LEE, J.H., PARK, Y.M. & LEE, H.K. Occurrence of disseminated intravascular coagulation (DIC) in active systemic anaphylaxis: role of platelet-activating factor, 390
CHOI, I. *see* LEE, H.G.
CHOWDHURY, A. *see* FUKUDA, R.
CHRISTENSEN, C.B.V. *see* GAAFAR, A.
CHU, H.W., WANG, J.M., BOUTET, M., BOULET, L.-P. & LAVIOLETTE, M. Increased expression of intercellular adhesion molecule-1 (ICAM-1) in a murine model of pulmonary eosinophilia and high IgE level, 319
CHU, J.-L. *see* SILVERMAN, E.D.
CLARK, R.L. *see* SEKUT, L.
COHEN TERVAERT, J.W. *see* KALLENBERG, C.G.M.
COLEBUNDERS, R.L. *see* VINGERHOETS, J.H.
CONNOLLY, K.M. *see* SEKUT, L.
CONVIT, J. *see* ULRICH, M.
COOK, L. *see* SAVIGE, J.A.
COSSENS, I.A. *see* WOOD, P.J.
CROWE, S.M. *see* STENT, G.

DAFALLA, M. *see* GAAFAR, A.
DAHA, M.R. *see* BALLIEUX, B.E.P.B.
DALAKAS, W.A. *see* O'HANLON, T.P.
DANIEL, P.B. *see* SUMMERS, K.L.
D'ARRIGO, C., CANDAL-COUTO, J.J., GREER, M., VEALE, D.J. & WOOF, J.M. Human neutrophil Fc receptor-mediated adhesion under flow: a hollow fibre model of intravascular arrest, 173
DAS, K.M. *see* HASSAN, T.
DASGUPTA, A. *see* HASSAN, T.
DASKALAKIS, M. *see* SAVIGE, J.A.
DAWKINS, R. *see* FRENCH, M.A.H.
DE BOER, M. *see* VINGERHOETS, J.H.
DEICHER, H. *see* NEU, E.
DENIS, K.A. *see* FRENCH, M.A.H.
DERRY, C.J., ROSS, C.N., LOMBARDI, G., MASON, P.D., REES, A.J., LECHLER, R.I. & PUSEY, C.D. Analysis of T cell responses to the autoantigen in Goodpasture's disease, 262
DIANZANI, F. *see* GIOVANNETTI, A.
DIEBOLD, M.M. *see* JARVIS, J.N.
DUIKSTRA, C.D. *see* HUITINGA, I.
DOE, W.F. *see* GRIMM, M.C.
DOERY, J. *see* SAVIGE, J.A.

- D'OFFIZI, G. *see* PONTESILLI, O.
 DOMSCHKE, W. *see* KUCHARZIK, T.
 DOOMS, T.G. *see* WADEE, A.A.
 DRÄGER, R. *see* JAHREIS, A.
 DREES, N. *see* HURT, N.
 EARNSHAW, W.C. *see* WHYTE, J.
 EDDLESTON, A.L.W.F. *see* MICHALAK, T.I.
 EERENBERG, A. *see* VAN DER POLL, T.
 EL HASSAN, A.M. *see* GAAFAR, A.
 EL KADARO, A.Y. *see* GAAFAR, A.
 ELKON, K.B. *see* SILVERMAN, E.D.
 FEELHALLY, J. *see* ALLEN, A.C.
 FERRARA, R. *see* PONTESILLI, O.
 FINLAY-JONES, J.J. *see* WATSON, C.J.
 FLAD, H.-D. *see* SWIDER, C.
 FRENCH, M.A.H., DENIS, K.A., DAWKINS, R. & PETER, J.B. Severity of infections in IgA deficiency: correlation with decreased serum antibodies to pneumococcal polysaccharides and decreased serum IgG2 and/or IgG4, 47
 FRICKE, M. *see* NEU, E.
 FRIEDLAND, J.S., HARTLEY, J.C., HARTLEY, C.G.C., SHATTOCK, R.J. & GRIFFIN, G.E. Inhibition of *ex vivo* proinflammatory cytokine secretion in fatal *Mycobacterium tuberculosis* infection, 233
 FUCHS, B.A. *see* HARD JR, R.C.
 FUJINO, S. *see* YOKOYAMA, A.
 FUJIOKA, S. *see* YOKOYAMA, A.
 FUKUDA, R., ISHIMURA, N., NGUYEN, TX., CHOWDHURY, A., ISHIHARA, S., KOHGE, N., AKAGI, S., WATANABE, M. & FUKUMOTO, S. The expression of IL-2, IL-4 and interferon-gamma (IFN- γ) mRNA using liver biopsies at different phases of acute exacerbation of chronic hepatitis B, 446
 FUKUMOTO, S. *see* FUKUDA, R.
 FÜLÖP, C. *see* BRENNAN, F.R.
 GAAFAR, A., KHARAZMI, A., ISMAIL, A., KEMP, M., HEY, A., CHRISTENSEN, C.B.V., DAFALLA, M., EL KADARO, A.Y., EL HASSAN, A.M. & THEANDER, T.G. Dichotomy of the T cell response to *Leishmania* antigens in patients suffering from cutaneous leishmaniasis: absence or scarcity of Th1 activity is associated with severe infections, 239
 GABAY, C., GENIN, B., MENTHA, G., IYNEDJIAN, P.B., ROUX-LOMBARD, P. & GUERNE, P.-A. IL-1 receptor antagonist (IL-1Ra) does not inhibit the production of C-reactive protein or serum amyloid A protein by human primary hepatocytes. Differential regulation in normal and tumour cells, 306
 GALLATI, H. *see* HURT, N.
 GENDRON, M. *see* BOIRE, G.
 GENIN, B. *see* GABAY, C.
 GENTH, E. *see* NEU, E.
 GERDES, J. *see* SWIDER, C.
 GIERMAKOWSKA, W. *see* TRAUGER, R.J.
 GIGASE, P.L. *see* VINGERHOETS, J.H.
 GIOVANNETTI, A., AIUTI, A., PIZZOLI, P.M., PIERDOMINICI, M., AGOSTINI, E., OLIVA, A., DIANZANI, F., AIUTI, F. & PANDOLFI, F. Tyrosine phosphorylation pathway is involved in interferon-gamma (IFN- γ) production; effect of sodium ortho vanadate, 157
 GIRBAL, E. *see* SIMON, M.
 GLANT, T.T. *see* BRENNAN, F.R.
 GOEMAN, J. *see* VINGERHOETS, J.H.
 GOMÉS-DAUDRIX, V. *see* SIMON, M.
 GOMEZ, L.C. *see* SOTO, M.
 GOTO, H. *see* OHMIYA, N.
 GREENSTEIN, J.D., PEAKE, P.W. & CHARLESWORTH, J.A. The kinetics and distribution of C9 and SC5b-9 *in vivo*: effects of complement activation, 40
 GREER, M. *see* D'ARRIGO, C.
 GRIFFIN, G.E. *see* FRIEDLAND, J.S.
 GRIMM, M.C., PAVLI, P., VAN DE POL, E. & DOE, W.F. Evidence for a CD14 $^{+}$ population of monocytes in inflammatory bowel disease mucosa—implications for pathogenesis, 291
 GUERNE, P.-A. *see* GABAY, C.
 GUERRA, E.C. *see* PONTESILLI, O.
 GUY, R.A. & BELOSEVIC, M. Response of scid mice to establishment of *Leishmania major* infection, 440
 GUZMAN, F. *see* SOTO, M.
 HA, T.Y. *see* CHOI, I.H.
 HAAGMANS, B.L. *see* VAN DER POLL, T.
 HACK, C.E. *see* KUMMER, J.A.
 HACK, C.E. *see* VAN DER POLL, T.
 HÄFTER, M. *see* SIMON, M.
 HAGEN, E.C. *see* BALLIEUX, B.E.P.B.
 HALL, N.D. *see* WHYTE, J.
 HAMILTON, R. *see* SILVERMAN, E.D.
 HARA, J. *see* OSUGI, Y.
 HARALAMBOUS, S. *see* MAPPOURAS, D.G.
 HARD JR, R.C., MONTOUR, J.L. & FUCHS, B.A. Immunodeficiency in RFM/(T6xRFM)F1 mouse chimaeras with lethal host-versus-graft syndrome, 352
 HARPER, S.J. *see* ALLEN, A.C.
 HART, D.N.J. *see* SUMMERS, K.L.
 HART, P.H. *see* WATSON, C.J.
 HARTLEY, C.G.C. *see* FRIEDLAND, J.S.
 HARTLEY, J.C. *see* FRIEDLAND, J.S.
 HARTUNG, H.-P. *see* HUITINGA, I.
 HASSAN, T., KANISAWA, Y., MEYERS, S., DASGUPTA, A. & DAS, K.M. Expression of a unique protein on colon cancer cells that reacts with a novel monoclonal antibody and ulcerative colitis serum, 457
 HAYAKAWA, T. *see* OHMIYA, N.
 HEMMERICH, P.H. *see* NEU, E.
 HEMMERICH, P.H. *see* VON MIKECZ, A.H.
 HEY, A. *see* GAAFAR, A.
 HIRASAWA, Y. *see* YOKOYAMA, A.
 HIWADA, K. *see* YOKOYAMA, A.
 HOLLÓ, K. *see* BRENNAN, F.R.
 HUITINGA, I., RUULS, S.R., JUNG, S., VAN ROOIJEN, N., HARTUNG, H.-P. & DIJKSTRA, C.D. Macrophages in T cell line-mediated, demyelinating, and chronic relapsing experimental autoimmune encephalomyelitis in Lewis rats, 344
 HURT, N., THEIN, M., SMITH, T., BORDMANN, G., GALLATI, H., DREES, N., TANNER, M. & WEISS, N. Immunological markers of childhood fevers in an area of intense and perennial malaria transmission, 59
 IKEDA, A. *see* YOSHIZAWA, Y.
 IKIZAWA, K., KAJIWARA, K., KOSHIO, T., MATSUURA, N. & YANAGIHARA, Y. Inhibition of IL-4 receptor up-regulation on B cells by antisense oligodeoxynucleotide suppresses IL-4-induced human IgE production, 383
 IMAI, H. *see* VON MÜHLEN, C.A.
 INOUE, M. *see* OSUGI, Y.
 INOUE, T. *see* YOSHIZAWA, Y.
 INOUE, Y. *see* YOKOYAMA, A.
 IOBIDZE, M. *see* JARVIS, J.N.
 IRVING, L. *see* STENT, G.
 ISHIDA, S. *see* YOKOYAMA, A.
 ISHIHARA, S. *see* FUKUDA, R.
 ISHIMURA, N. *see* FUKUDA, R.
 ISMAIL, A. *see* GAAFAR, A.
 ITO, M. *see* OHMIYA, N.
 IYNEDJIAN, P.B. *see* GABAY, C.
 JAHREIS, A., YOUSIF, Y., RUMP, J.A., DRÄGER, R., VOGT, A., PETER, H.H. & SCHLESIER, M. Two novel cationic staphylococcal proteins induce IL-2 secretion, proliferation and immunoglobulin synthesis in peripheral blood mononuclear cells (PBMC) of both healthy controls and patients with common variable immunodeficiency (CVID), 406
 JANSEN, J. *see* VAN DER POLL, T.
 JARVIS, J.N., DIEBOLD, M.M., CHADWELL, M.K., IOBIDZE, M. & MOORE, H.T. Composition and biological behaviour of immune complexes isolated from synovial fluid of patients with juvenile rheumatoid arthritis (JRA), 514
 JENSEN, F.C. *see* TRAUGER, R.J.
 JENSENIUS, J.C. *see* NIELSEN, S.L.
 JUNG, S. *see* HUITINGA, I.
 KAHN, M.F. *see* APPELBOOM, T.
 KAJIWARA, K. *see* IKIZAWA, K.

- KALLENBERG, C.G.M., BROUWER, E., MULDER, A.H.L., STEGEMAN, C.A., WEENING, J.J. & COHEN TERVAERT, J.W. ANCA—pathophysiology revisited, 1
- KAMP, A.M. *see* KUMMER, J.A.
- KANISAWA, Y. *see* HASSAN, T.
- KARIM, M.S. *see* WEBSTER, G.A.
- KARUSSIS, D.M., VOURKA-KARUSSIS, U., LEHMANN, D., ABRAMSKY, O., BEN-NUN, A. & SLAVIN, S. Immunomodulation of autoimmunity in MRL/lpr mice with syngeneic bone marrow transplantation (SBMT), 111
- KAWAHARA, K. *see* OSUGI, Y.
- KAY, R.A. The potential role of superantigens in inflammatory bowel disease, 4
- KÄYHTY, H. *see* PLATONOV, A.E.
- KEHLEN, A. *see* RIEMANN, D.
- KEMENY, D.M. *see* ZHENG, R.Q.H.
- KEMP, M. *see* GAAFAR, A.
- KESTENS, L.L. *see* VINGERHOETS, J.H.
- KHARAZMI, A. *see* GAAFAR, A.
- KIM, J.D. *see* SHIN, J.S.
- KIM, S.J. *see* SHIN, J.S.
- KIYOSAWA, K. *see* VON MÜHLEN, C.A.
- KOCH, C. *see* NIELSEN, S.L.
- KOHGE, N. *see* FUKUDA, R.
- KOHNO, N. *see* YOKOYAMA, A.
- KONDO, K. *see* YOKOYAMA, A.
- KOSAKA, M. *see* LIU, H.
- KOSHIO, T. *see* IKIZAWA, K.
- KRAWINKEL, U. *see* NEU, E.
- KRAWINKEL, U. *see* VON MIKECZ, A.H.
- KUCHARZIK, T., STOLL, R., LÜGERING, N. & DOMSCHKE, W. Circulating antiinflammatory cytokine IL-10 in patients with inflammatory bowel disease (IBD), 452
- KUMAGAI, S. *see* OTA, H.
- KUMMER, J.A., KAMP, A.M., TADEMA, T.M., VOS, W., MEIJER, C.J.L.M. & HACK, C.E. Localization and identification of granzymes A and B-expressing cells in normal human lymphoid tissue and peripheral blood, 164
- KURAHASHI, H. *see* OSUGI, Y.
- KURUP, V.P. *see* YOSHIZAWA, Y.
- KUSCHKE, R.H. *see* WADEE, A.A.
- KYOGOKU, M. *see* ONO, M.
- LABA, A. *see* SWIDER, C.
- LANG, G. *see* WAGNER, L.
- LANGE, A. *see* SWIDER, C.
- LANGNER, J. *see* RIEMANN, D.
- LAU, J.Y.N. *see* MICHALAK, T.I.
- LAVIOLETTE, M. *see* CHU, H.W.
- LAXER, R.M. *see* SILVERMAN, E.D.
- LECHLER, R.I. *see* DERRY, C.J.
- LEE, D.G. *see* CHOI, I.H.
- LEE, H.G., CHOI, I., PYUN, K.H. & PARK, K.W. Peritoneal lavage fluids stimulate NIH3T3 fibroblast proliferation and contain increased tumour necrosis factor and IL-6 in experimental silica-induced rat peritonitis, 139
- LEE, H.K. *see* CHOI, I.H.
- LEE, J.H. *see* CHOI, I.H.
- LEE, J.M. *see* SHIN, J.S.
- LEHMANN, D. *see* KARUSSIS, D.M.
- LEMSTER, B. *see* WOO, J.
- LEVI, M. *see* VAN DER POLL, T.
- LEVI-SCHAFFER, F. *see* NAGLER, A.
- LEWIN, S. *see* STENT, G.
- LIU, H., OZAKI, K., MATSUZAKI, Y., ABE, M., KOSAKA, M. & SAITO, S.: Suppression of haematopoiesis by IgG autoantibodies from patients with systemic lupus erythematosus (SLE), 480
- LOMBARDI, G. *see* DERRY, C.J.
- LYMBERI, P. *see* MAPPOURAS, D.G.
- LÜGERING, N. *see* KUCHARZIK, T.
- MACFADDEN, D.K. *see* PHIPPS, D.J.
- MAIRESE, N. *see* APPELBOOM, T.
- MAPPOURAS, D.G., PHILIPPON, G., HARALAMBOUS, S., TZARTOS, S.J.,
- BALAFAS, A., SOUVATZOGLOU, A. & LYMBERI, P. Antibodies to acetylcholinesterase cross-reacting with thyroglobulin in myasthenia gravis and Graves' disease, 336
- MASON, P.D. *see* DERRY, C.J.
- MATHIESON, P.W. & OLIVEIRA, D.B.G. The role of cellular immunity in systemic vasculitis, 183
- MATSURA, N. *see* IKIZAWA, K.
- MATSUZAKI, Y. *see* LIU, H.
- MAYER, L. *see* PANJA, A.
- MAZZONE, A.M. *see* PONTESILLI, O.
- MCDONALD, P.J. *see* WATSON, C.J.
- MCFARLANE, B.M. *see* MICHALAK, T.I.
- MCHUGH, N.J. *see* Whyte, J.
- MEIJER, C.J.L.M. *see* KUMMER, J.A.
- MELIEF, C.J.M. *see* BALLIEUX, B.E.P.B.
- MEMBERS OF THE SLE STUDY GROUP, *see* NEU, E.
- MÉNARD, H.A. *see* BOIRE, G.
- MENIUS JR, J.A. *see* SEKUT, L.
- MENTHA, G. *see* GABAY, C.
- MESSERSMITH, M.C. *see* O'HANLON, T.P.
- MEYERS, S. *see* HASSAN, T.
- MICHALAK, T.I., LAU, J.Y.N., MCFARLANE, B.M., ALEXANDER, G.J.M., EDDLESTON, A.L.W.F. & WILLIAMS, R. Antibody-directed complement-mediated cytotoxicity to hepatocytes from patients with chronic hepatitis B, 227
- MICHIE, C.A. *see* SOO, K.S.
- MIGNON-GODEFROY, K. *see* BEDIN, C.
- MIKECZ, K. *see* BRENNAN, F.R.
- MILLER, F.W. *see* O'HANLON, T.P.
- MILLS, G.B. *see* PHIPPS, D.J.
- MIYAKE, S. *see* YOSHIZAWA, Y.
- MONAST, N. *see* BOIRE, G.
- MONIEWSKA, A. *see* SWIDER, C.
- MONTOUR, J.L. *see* HARD JR, R.C.
- MOORE, H.T. *see* JARVIS, J.N.
- MORINOBU, A. *see* OTA, H.
- MULDER, A.H.L. *see* KALLENBERG, C.G.M.
- NAGLER, A., SEGAL, V., SLAVIN, S. & LEVI-SCHAFFER, F. Ketotifen therapy in chronic graft-versus-host disease (cGVHD): effect on mast cells and fibroblasts, 529
- NAKAO, K. *see* OTA, H.
- NALESNIK, M.A. *see* WOO, J.
- NEGROU, G. *see* BRENNAN, F.R.
- NEU, E., VON MIKECZ, A.H., HEMMERICH, P.H., PETER, H.-H., FRICKE, M., DEICHER, H., GENTH, E., KRAWINKEL, U. & MEMBERS OF THE SLE STUDY GROUP. Autoantibodies against eukaryotic protein L7 in patients suffering from systemic lupus erythematosus and progressive systemic sclerosis: frequency and correlation with clinical, serological and genetic parameters, 198
- NEUHAUS, T.J., WADHWA, M., CALLARD, R. & BARRATT, T.M. Increased IL-2, IL-4 and interferon-gamma (IFN- γ) in steroid-sensitive nephrotic syndrome, 475
- NGUYEN, TX *see* FUKUDA, R.
- NIELSEN, S.L., ANDERSEN, P.L., KOCH, C., JENSENIUS, J.C. & THIEL, S. The level of the serum opsonin, mannan-binding protein in HIV-1 antibody-positive patients, 219
- NOEL, L.S. *see* SEKUT, L.
- NOSE, M. *see* ONO, M.
- O'DONNELL, J.L. *see* SUMMERS, K.L.
- O'HANLON, T.P., MESSERSMITH, M.C., DALAKAS, W.A., PLOTZ, P.H. & MILLER, F.W. $\gamma\delta$ T cell receptor gene expression by muscle-infiltrating lymphocytes in the idiopathic inflammatory myopathies, 519
- OHBAYASHI, M. *see* OHMIYA, N.
- OHMIYA, N., ITO, M., OHBAYASHI, M., ARISAWA, T., GOTO, H., TSUKAMOTO, Y., HAYAKAWA, T. & ASAI, J. Two phenotypically distinct B lymphocytes ($IgM^{high}IgD^{low}$ and $IgM^{low}IgD^{high}$) in chronic gastric ulcer in the rat, 151
- OHTANI, Y. *see* YOSHIZAWA, Y.
- OKADA, S. *see* OSUGI, Y.
- OLIVA, A. *see* GIOVANNETTI, A.
- OLIVEIRA, D.B.G. *see* MATHIESON, P.W.
- ONO, M., YAMAMOTO, T., KYOGOKU, M. & NOSE, M. Sequence analysis of

- the germ-line V_H gene corresponding to a nephritogenic antibody in MRL/lpr lupus mice, 284
- OOTAKA, T. *see* SOMA, J.
- OSAKI, T. *see* YAMAMOTO, T.
- OSUGI, Y., HARA, J., KURAHASHI, H., SAKATA, N., INOUE, M., YUMURA-YAGI, K., KAWAHARA, K., OKADA, S. & TAWA, A. Age-related changes in surface antigens on peripheral lymphocytes of healthy children, 543
- OTA, H., KUMAGAI, S., MORINOBU, A., YANAGIDA, H. & NAKAO, K. Enhanced production of transforming growth factor-beta (TGF- β) during autologous mixed lymphocyte reaction of systemic sclerosis patients, 99
- OZAKI, K. *see* LIU, H.
- PANDOLFI, F. *see* GIOVANNETTI, A.
- PANJA, A., SIDEN, E. & MAYER, L. : Synthesis and regulation of accessory/proinflammatory cytokines by intestinal epithelial cells, 298
- PARK, J.H. *see* SHIN, J.S.
- PARK, J.S. *see* CHOI, I.H.
- PARK, K.W. *see* LEE, H.G.
- PARK, Y.M. *see* CHOI, I.H.
- PARKER, L.H. *see* WHYTE, J.
- PATARROYO, M.E. *see* SOTO, M.
- PAVLI, P. *see* GRIMM, M.C.
- PAVLOVA, L.I. *see* PLATONOV, A.E.
- PEAKE, P.W. *see* GREENSTEIN, J.D.
- PEEBLES, C.L. *see* VON MÜHLEN, C.A.
- PÈNE, J. *see* RIVIER, A.
- PENNE, G.G. *see* VINGERHOETS, J.H.
- PETER, H.H. *see* JAHREIS, A.
- PETER, H.-H. *see* NEU, E.
- PETER, H.-H. *see* VON MIKECZ, A.H.
- PETER, J.B. *see* FRENCH, M.A.H.
- PHILIPPOU, G. *see* MAPPOURAS, D.G.
- PHIPPS, D.J., REED-DOOB, P., MACFADDEN, D.K., PIOVESAN, J.P., MILLS, G.B. & BRANCH, D.R. An octapeptide analogue of HIV gp120 modulates protein tyrosine kinase activity in activated peripheral blood T lymphocytes, 412
- PIERDOMINICI, M. *see* GIOVANNETTI, A.
- PIOVESAN, J.P. *see* PHIPPS, D.J.
- PIZZOLI, P.M. *see* GIOVANNETTI, A.
- PLATONOV, A.E., BELOBORODOV, V.B., PAVLOVA, L.I., VERSHININA, I.V. & KAYHTY, H. Vaccination of patients deficient in a late complement component with tetravalent meningococcal capsular polysaccharide vaccine, 32
- PLOTZ, P.H. *see* OHANLON, T.P.
- POCKLEY, A.G. *see* WEBSTER, G.A.
- PONTESILLI, O., CARLESIMO, M., VARANI, A.R., FERRARA, R., GUERRA, E.C., BERNARDI, M.L., RICCI, G., MAZZONE, A.M., D'OFFIZI, G. & AIUTI, F. HIV-specific lymphoproliferative responses in asymptomatic HIV-infected individuals, 419
- PUSEY, C.D. *see* DERRY, C.J.
- PYUN, K.H. *see* LEE, H.G.
- QUIJADA, L. *see* SOTO, M.
- RABESANDRATANA, H. *see* RIVIER, A.
- REED-DOOB, P. *see* PHIPPS, D.J.
- REES, A.J. *see* DERRY, C.J.
- REQUENA, J.M. *see* SOTO, M.
- RICCI, G. *see* PONTESILLI, O.
- RICHES, P.G. *see* YENTIS, S.M.
- RIEMANN, D., KEHLEN, A. & LANGNER, J. Stimulation of the expression and the enzyme activity of aminopeptidase N/CD13 and dipeptidyl-peptidase IV/CD26 on human renal cell carcinoma cells and renal tubular epithelial cells by T cell-derived cytokines, such as IL-4 and IL-13, 277
- RIVIER, A. PÈNE, J. RABESANDRATANA, H., CHANEZ, P., BOUSQUET, J. & CAMPBELL, A.M. Blood monocytes of untreated asthmatics exhibit some features of tissue macrophages, 314
- RODRIGUEZ, V. *see* ULRICH, M.
- ROPARS, A. *see* BEDIN, C.
- ROSS, C.N. *see* DERRY, C.J.
- ROUX-LOMBARD, P. *see* GABAY, C.
- ROWBOTTOM, A.W. *see* YENTIS, S.M.
- RUMP, J.A. *see* JAHREIS, A.
- RUULS, S.R. *see* HUITINGA, I.
- SAITO, S. *see* LIU, H.
- SAITO, T. *see* SOMA, J.
- SAKATA, N. *see* OSUGI, Y.
- SATO, H. *see* SOMA, J.
- SAVIGE, J.A., CHANG, L., COOK, L., BURDON, J., DASKALAKIS, M. & DOERY, J. α_1 -Antitrypsin deficiency and anti-proteinase 3 antibodies in anti-neutrophil cytoplasmic antibody (ANCA)-associated systemic vasculitis, 194
- SCHLESIER, M. *see* JAHREIS, A.
- SEBBAG, M. *see* SIMON, M.
- SEGAL, V. *see* NAGLER, A.
- SEINO, J. *see* SOMA, J.
- SEKUT, L., YARNALL, D., STIMPSON, S.A., NOEL, L.S., BATEMAN-FITE, R., CLARK, R.L., BRACKEN, M.F., MENIUS JR, J.A. & CONNOLLY, K.M. Anti-inflammatory activity of phosphodiesterase (PDE)-IV inhibitors in acute and chronic models of inflammation, 126
- SERRE, G. *see* SIMON, M.
- SHATTOCK, R.J. *see* FRIEDLAND, J.S.
- SHIN, J.S., PARK, J.H., KIM, J.D., LEE, J.M. & KIM, S.J. Induction of tumour necrosis factor-alpha (TNF- α) mRNA in bladders and spleens of mice after intravesical administration of bacillus Calmette-Guérin, 26
- SIDEN, E. *see* PANJA, A.
- SILVERMAN, E.D., BUYON, J., LAXER, R.M., HAMILTON, R., BINI, P., CHU, J.-L. & ELKON, K.B. Autoantibody response to the Ro/La particle may predict outcome in neonatal lupus erythematosus, 499
- SIMON, M., VINCENT, C., HAFTEK, M., GIRBAL, E., SEBBAG, M., GOMÉS-DAUDRIX, V. & SERRE, G. The rheumatoid arthritis-associated auto-antibodies to filaggrin label the fibrous matrix of the cornified cells but not the profilaggrin-containing keratohyalin granules in human epidermis, 90
- SLAVIN, S. *see* KARUSSIS, D.M.
- SLAVIN, S. *see* NAGLER, A.
- SMITH, T. *see* HURT, N.
- SOMA, J., SAITO, T., SEINO, J., SATO, H., OOTAKA, T., YUSA, A. & ABE, K. Participation of CR1 (CD35), CR3 (CD11b/CD18) and CR4 (CD11c/CD18) in membranoproliferative glomerulonephritis type I, 269
- SOO, K.S., MICHEL, C.A., BAKER, S.R., WYLLIE, J.H. & BEVERLEY, P.C.L. Selective recruitment of lymphocyte subsets to the inflamed appendix, 133
- SOTO, M., REQUENA, J.M., QUIJADA, L., ANGEL, S.O., GOMEZ, L.C., GUZMAN, F., PATARROYO, M.E. & ALONSO, C. During active viscerocutaneous leishmaniasis the anti-P2 humoral response is specifically triggered by the parasite P proteins, 246
- SOUVATZOGLOU, A. *see* MAPPOURAS, D.G.
- STEGEMAN, C.A. *see* KALLENBERG, C.G.M.
- STENT, G., IRVING, L., LEWIN, S. & CROWE, S.M. The kinetics of surface expression of CD11/CD18 integrins and CD54 on monocytes and macrophages, 366
- STEWART, L. *see* WHYTE, J.
- STIMPSON, S.A. *see* SEKUT, L.
- STOLL, R. *see* KUCHARZIK, T.
- SUMMERS, K.L., DANIEL, P.B., O'DONNELL, J.L. & HART, D.N.J. Dendritic cells in synovial fluid of chronic inflammatory arthritis lack CD80 surface expression, 81
- SWIDER, C., LABA, A., MONIEWSKA, A., GERDES, J., FLAD, H.-D. & LANGE, A. Presence of mRNA for interferon-gamma (IFN- γ) in blood mononuclear cells is associated with an active stage I sarcoidosis, 401
- TADEMA, T.M. *see* KUMMER, J.A.
- TAN, E.M. *see* VON MÜHLEN, C.A.
- TANBA, M. *see* YOSHIZAWA, Y.
- TANNER, M. *see* HURT, N.
- TAWA, A. *see* OSUGI, Y.
- TEN CATE, H. *see* VAN DER POLL, T.
- TEN CATE, J.W. *see* VAN DER POLL, T.
- THEANDER, T.G. *see* GAAFAR, A.
- THEIN, M. *see* HURT, N.
- THIEL, S. *see* NIELSEN, S.L.

- THOMSON, A.W. *see* WOO, J.
- TRAUGER, R.J., GIERMAKOWSKA, W., WORMSLEY, S., TURNER, J., JENSEN, F.C. & CARLO, D.J. Autoproliferation in HIV-1-infected patients undergoing active HIV-1-specific immunotherapy, 7
- TSANG, K.L.C. *see* CHAN, T.M.
- TSUKAMOTO, Y. *see* OHMIYA, N.
- TURNER, J. *see* TRAUGER, R.J.
- TZARTOS, S.J. *see* MAPPOURAS, D.G.
- ULRICH, M., RODRIGUEZ, V., CENTENO, M. & CONVIT, J. Differing antibody IgG isotypes in the polar forms of leprosy and cutaneous leishmaniasis characterized by antigen-specific T cell anergy, 54
- VAN DE POL, E. *see* GRIMM, M.C.
- VAN DER BURG, S.H. *see* BALLIEUX, B.E.P.B.
- VAN DER POLL, T., LEVI, M., TEN CATE, H., JANSEN, J., BIEMOND, B.J., HAAGMANS, B.L., EERENBERG, A., VAN DEVENTER, S.J.H., HACK, C.E. & TEN CATE, J.W. Effect of postponed treatment with an anti-tumour necrosis factor (TNF) F(ab')₂ fragment on endotoxin-induced cytokine and neutrophil responses in chimpanzees, 21
- VAN DER WOUDE, F.J. *see* BALLIEUX, B.E.P.B.
- VAN DEVENTER, S.J.H. *see* VAN DER POLL, T.
- VAN ROOIJEN, N. *see* HUITINGA, I.
- VANDENBRUAENE, M.J. *see* VINGERHOETS, J.H.
- VANHAM, G.L. *see* VINGERHOETS, J.H.
- VARANI, A.R. *see* PONTESILLI, O.
- VEALE, D.J. *see* DARRIGO, C.
- VERSHININA, I.V. *see* PLATONOV, A.E.
- VINCENT, C. *see* SIMON, M.
- VINGERHOETS, J.H., VANHAM, G.L., KESTENS, L.L., PENNE, G.G., COLE-BUNDERS, R.L., VANDENBRUAENE, M.J., GOEMAN, J., GIGASE, P.L., DE BOER, M. & CEUPPENS, J.L. Increased cytolytic T lymphocyte activity and decreased B7 responsiveness are associated with CD28 down-regulation on CD8⁺ T cells from HIV-infected subjects, 425
- VOGT, A. *see* JAHEREIS, A.
- VON MIKECZ, A.H. *see* NEU, E.
- VON MIKECZ, A.H., HEMMERICH, P.H., PETER, H.-H. & KRAWINKEL, U. Autoantigenic epitopes on eukaryotic L7, 205
- VON MÖHLEN, C.A., CHAN, E.K.L., PEEBLES, C.L., IMAI, H., KIYOSAWA, K. & TAN, E.M. Non-muscle myosin as target antigen for human autoantibodies in patients with hepatitis C virus-associated chronic liver diseases, 67
- VOS, W. *see* KUMMER, J.A.
- VOURKA-KARUSSIS, U. *see* KARUSSIS, D.M.
- WADEE, A.A., KUSCHKE, R.H. & DOOMS, T.G. The inhibitory effects of *Mycobacterium tuberculosis* on MHC class II expression by monocytes activated with riminophenazines and phagocyte stimulants, 434
- WADHWA, M. *see* NEUHAUS, T.J.
- WAGNER, L., WIESHOLZER, M., WORMAN, C.P., LANG, G. & BASE, W. BLT-esterase in infectious mononucleosis, 223
- WANG, J.M. *see* CHU, H.W.
- WATANABE, M. *see* FUKUDA, R.
- WATSON, C.J., FINLAY-JONES, J.J., McDONALD, P.J. & HART, P.H. IL-4 mRNA expression by peritoneal cells during episodes of peritonitis in patients on continuous ambulatory peritoneal dialysis, 253
- WEBSTER, G.A., BOWLES, M.J., KARIM, M.S., WOOD, R.F.M. & POCKLEY, A.G. Flow cytometric analysis of peripheral blood lymphocyte subset light scatter characteristics as a means of monitoring the development of rat small bowel allograft rejection, 536
- WEENING, J.J. *see* KALLENBERG, C.G.M.
- WEISS, N. *see* HURT, N.
- WHYTE, J., EARNSHAW, W.C., CHAMPOUX, J.J., PARKER, L.H., STEWART, L., HALL, N.D. & MCUGH, N.J. Detection of anti-topoisomerase I antibodies using a full length human topoisomerase I recombinant protein purified from a baculovirus expression system, 214
- WIESHOLZER, M. *see* WAGNER, L.
- WILLIAMS, R. *see* MICHALAK, T.I.
- WOO, J., WRIGHT, T.M., LEMSTER, B., BOROCHOVITZ, D., NALESNIK, M.A. & THOMSON, A.W. Combined effects of FK506 (tacrolimus) and cyclophosphamide on atypical B220⁺ T cells, cytokine gene expression and disease activity in MRL/MpJ-lpr/lpr mice, 118
- WOOD, P.J. & COSSENS, I.A. The influence of allo-class II MHC-specific Th2 cells on the generation of CD4 and CD8 cytotoxic T cells to associated class I and class II MHC alloantigen, 359
- WOOD, R.F.M. *see* WEBSTER, G.A.
- WOOF, J.M. *see* DARRIGO, C.
- WORMAN, C.P. *see* WAGNER, L.
- WORMSLEY, S. *see* TRAUGER, R.J.
- WRIGHT, T.M. *see* WOO, J.
- WYLLIE, J.H. *see* SOO, K.S.
- YAMAMOTO, T. *see* ONO, M.
- YAMAMOTO, T., YONEDA, K., OSAKI, T., YOSHIMURA, N. & AKAGI, N. Longer local retention of adoptively transferred T-LAK cells correlates with lesser adhesion molecule expression than NK-LAK cells, 13
- YANAGIDA, H. *see* OTA, H.
- YANAGIHARA, Y. *see* IKIZAWA, K.
- YARNALL, D. *see* SEKUT, L.
- VENTIS, S.M., ROWBOTTOM, A.W. & RICHES, P.G. Detection of cytoplasmic IL-1 β in peripheral blood mononuclear cells from intensive care unit (ICU) patients, 330
- YOKOYAMA, A., KOHNO, N., HIRASAWA, Y., KONDO, K., ABE, M., INOUE, Y., FUJIOKA, S., FUJINO, S., ISHIDA, S. & HIWADA, K. Evaluation of soluble IL-6 receptor concentration in serum and epithelial lining fluid from patients with interstitial lung diseases, 325
- YONEDA, K. *see* YAMAMOTO, T.
- YOSHIMURA, N. *see* YAMAMOTO, T.
- YOSHIZAWA, Y., OHTANI, Y., INOUE, T., MIYAKE, S., IKEDA, A., TANBA, M. & KURUP, V.P. with the technical assistance of MIYAMOTO, K. Immune responsiveness to inhaled antigens: local antibody production in the respiratory tract in health and lung diseases, 395
- YOUSIF, Y. *see* JAHEREIS, A.
- YU, P.M. *see* CHAN, T.M.
- YUMURA-YAGI, K. *see* OSUGI, Y.
- YUSA, A. *see* SOMA, J.
- ZHENG, R.Q.H. & KEMENY, D.M. Inhibition of gene expression by antisense oligodeoxynucleotides, 380

Subject Index

- 7E12H12 MoAb, 457
 α_1 -antitrypsin, 194
ABPA, 319
accessory cytokine, 298
acetylcholinesterase, 336
acidic ribosomal P2 proteins, 246
activation, 75
active systemic anaphylaxis, 390
acute-phase protein, 306
adhesion, 173
adhesion molecule, 506
adhesion molecules, 13
affinity purification, 90
ANCA, 194
anti-52-kD-Ro antibodies, 499
anti-DNA antibody, 506
anti-Li antibodies, 499
anti-RNPs, 486
anti-hsp, 73, 486
antibody against inhaled fungi, 395
antigen presentation, 104
antigenic determinants, 246
antisense oligodeoxynucleotide, 383
APC, 298
appendicitis, 133
arthritis, 126
arthritis animal model, 104
ASGP-R, 227
asthma, 314
autoantibodies, 75, 198, 205, 336, 499
autoantibody, 457, 463
autoimmune thyroid diseases, 336
autoimmunity, 67, 75, 262
autoproliferation, 7

B7, 425
B cell differentiation disorder, 47
B cells, 406
BCG immunotherapy, 26
biochemical purification, 489
BLT-esterase, 223
bone marrow transplantation, 111
bone marrow transplants, 352
bronchoalveolar lavage, 325, 366
bronchoalveolar lavage fluids, 395

C3c, 269
C9, 40
C-reactive protein, 306
CD13, 277
CD14, 291, 314
CD16, 314
CD26, 277
CD28, 425
CD45, 133
CD45RA, 543
CD45RO, 543
CD57, 425
CD80, 81
children, 475, 543
chimaeras, 352
chronic arthritis, 81
chronic hepatitis B, 446
chronic liver diseases, 67

colon cancer cells, 457
complement, 32, 227, 514
correlations, 198
CRI, 269
CR3, 269
CR4, 269
Crohn's disease, 452
CTL, 425
cutaneous leishmaniasis, 239
CVID, 406
cyclophosphamide, 111
cyclophosphamide autoimmunity, 118
cytokeratins, 90
cytokine mRNA, 446
cytokines, 21, 118, 253, 330, 359, 440, 452

deficiency, 32
demyelination, 344
dendritic cells, 81
deposition, 269
dog, 246

elastase, 194
endothelial cell, 506
endotoxin, 21
eosinophils, 319
epidemiological tool, 59
epithelial lining fluid, 325
epitope mapping, 205

Fc receptors, 173
fever, 59
FK506, 118
flow cytometry, 314, 330, 366, 536
frequencies, 198

 $\gamma\delta$ T cells, 519
germ-line V_H gene, 284
glomerular basement membrane, 262
Goodpasture's disease, 262
gp120, 412
gp160, 419
granzyme A, 164, 223
granzyme B, 164

HBV, 227
head and neck tumours, 13
hepatitis B, 227
hepatitis C virus, 67
hepatocytes, 227
HIV, 233, 412, 419, 425
HIV-1, 219
HIV-1 cell-mediated immunity, 7
HIV-1 Immunogen, 7
HLA-A*0201, 186
human, 253
human T cell subsets, 239
human hepatocytes, 306
human hepatoma cells, 306
humoral response, 246

IEC, 298
IFN- γ , 157, 401
IgA deficiency, 47
IgA nephropathy, 470

- IgE, 145
 IgE production, 383
 IgG, 145
 IgG aggregates, 173
 IgG isotypes, 54
 IgG subclasses, 47
 IL-1 receptor antagonist, 306
 IL-10, 452
 IL-1 β , 330
 IL-2, 475
 IL-2 receptor, 59
 IL-2 synthesis, 406
 IL-4, 253, 277, 383, 475
 IL-4 receptor, 383
 IL-6, 139, 233, 325
 IL-8, 233
 immune complexes, 145, 514
 immunoglobulin synthesis, 406
 immunogold labelling, 90
 immunohistochemistry, 164, 319
 immunosuppression, 75
 immunotherapy, 7
in vivo, 126
 infectious mononucleosis, 223
 inflammation, 440
 inflammatory bowel disease, 291, 452
 inhibition by mycobacteria, 434
 innate immune system, 219
 interferon-gamma, 26, 75, 253, 440, 475
 interstitial lung disease, 325
- juvenile rheumatoid arthritis, 514
- ketotifen, 529
- L7, 198, 205
 laser scanning confocal micrography, 151
 lectins, 470
Leishmania, 440
leishmaniasis, 54
 leprosy, 54
 LiP2a, 246
 LiP2b, 246
 liposomes, 344
 local retention, 13
 lupus nephritis, 118, 284
 lymphocyte, 419
 lymphocyte subpopulations, 223
 lymphocyte subset, 543
 lymphoid tissue, 164
 lymphopenia, 133
- macrophage, 291, 344
 malaria, 59
 mannan-binding protein, 219
 mannose-binding protein, 219
 mast cells, 529
 maturation, 366
 MBP, 219
 MCTD, 486
 memory lymphocytes, 133
 meningococcal, 32
 metabolic turnover, 40
 MHC expression, 434
 monocyte, 291, 314
 mouse model, 352
MRL/lpr mice, 111, 118
MRL/lpr mouse, 284
 mucosal immunity, 298
 myasthenia gravis, 336
Mycobacterium avium, 75
Mycobacterium tuberculosis, 233
 myosin, 67
 myositis, 519
- N-acetyl galactosamine, 470
 naive lymphocytes, 133
 neonatal lupus erythematosus, 499
 nephritogenic antibody, 284
 neutrophils, 21, 173
 NK-LAK, 13
- oesophagus, 90
- p24, 419
 PDE-IV inhibitors, 126
 peptide T, 412
 peripheral blood, 366, 536
 peritonitis, 139, 253
 phenotype, 81
 platelet-activating factor, 390
 polyclonal B cell, 75
 profilaggrin rat, 90
 proliferation, 419
 protein tyrosine kinase, 157
 protein tyrosine phosphatase, 157
 proteinase 3, 186, 194
 proteoglycan, 104
 pulmonary defence mechanism, 395
 pulmonary inflammation, 395
- rat, 536
 rat IgM^{high}IgD^{low} B cell, 151
 receptors, 21
 recombinant autoantigen, 214
 regulation, 359
 renal cell carcinoma, 277
 respiratory tract infections, 47
 rheumatoid factor, 514
 ribonucleoproteins, 489
 riminophenazines, 434
 RNA binding proteins, 205
 Ro antigen, 489
 Ro proteins, 489
 rolipram, 126
 RT-PCR, 401
- sarcoidosis, 401
 SC5b-9, 40
scid mice, 440
 scleroderma, 214
 sepsis, 330
 serum amyloid A protein, 306
 shock, 126
 silica, 139
 small bowel transplantation, 536
 soluble IL-6 receptor, 325
 staphylococcal proteins, 406
 superficial bladder cancer, 26
 synovial fluid, 81
 systemic lupus erythematosus, 111, 205, 480
 systemic sclerosis, 99
- T and B cells, 352
 T antigen, 470
 T cell anergy, 54
 T cell proliferation, 262
 T cell receptors, 519
 T cell-dependent antigen, 75
 T cells, 118, 186, 412
 T hybridoma, 104
 T lymphocytes, 319
 T-LAK, 13
 terminal complement complex, 40
 Th1, 446
 Th2, 446
 thyroglobulin, 336, 463
 tissue distribution, 40

TNF receptors, 59
tolerance, 359
topoisomerase I, 214
total body irradiation, 111
transforming growth factor-beta, 99
transplantation, 359
tumour necrosis factor, 21, 139, 233
tumour necrosis factor-alpha, 26, 126
type IV collagen, 262

ulcerative colitis, 452, 457
vaccine, 32
vanadate, 157
vasculitis, 186, 194
 V_H , 463
viscerocutaneous leishmaniasis, 246
 V_L , 463
von Willebrand factor, 506